

January 6, 2003

RE: DaimlerChrysler Corporation
TO: Interested Parties / Applicant

067-16442-00065

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision - Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office Environmental Adjudication, ISTA Building, 150 W. Market Street, Suite 618, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

January 6, 2003

Mr. Joseph A. LaManna
DaimlerChrysler Corporation
Kokomo Transmission Plant
2401 South Reed Road
Caller Service Box 9007
Kokomo, IN 46904-9007

Re: **067-16442**
Sixth Administrative Amendment to
Part 70 067-6504-00065

Dear Mr. LaManna:

DaimlerChrysler Corporation was issued Part 70 Operating Permit **T 067-6504-00065** on September 1, 1999, for the Kokomo Transmission Plant. A letter requesting an administrative amendment to this permit was received on November 11, 2002. The changes are as follows with deleted language as ~~strikeouts~~ and new language **bolded**. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended as follows:

The low end of the range of operating temperatures for the catalytic converters in Condition D.11.3 has been changed from 1,200 °F to 1,100 °F. This condition is now consistent with the parametric monitoring requirements of Condition D.11.5.

D.11.3 Carbon Monoxide (CO)

In order to assure compliance with Condition D.11.1, the catalytic converter for each of the two (2) dynamometer test cells shall operate at all times that each test cell is in operation. When operating, the catalytic converters shall maintain operating temperatures in the range of **1,100** ~~1,200~~ to 1,400 °F at all times except during startup.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Patrick Brennan, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395, ext. 21, or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original signed by Paul Dubenetzky
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
PTB/MES

cc: File - Howard County
Howard County Health Department
Air Compliance Section Inspector - Ryan Hillman
Compliance Branch - Karen Nowak
Administrative and Development - Lisa Lawrence
Technical Support and Modeling - Michele Boner



Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P. O. Box 6015
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PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**DaimlerChrysler Corporation
Kokomo Transmission Plant
2401 South Reed Road
Kokomo, Indiana 46904**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: 067-6504-00065	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: September 1, 1999 Expiration Date: September 1, 2004
1 st Administrative Amendment: 067-11399-00065	Issuance Date: November 9, 1999
2 nd Administrative Amendment: 067-13661-00065	Issuance Date: March 26, 2000
3 rd Administrative Amendment: 067-11981-00065	Issuance Date: April 27, 2000
4 th Administrative Amendment: 067-11990-00065	Issuance Date: September 1, 2000
5 th Administrative Amendment: 067-15176-00065	Issuance Date: March 15, 2001
1 st Minor Source Modification: 067-11163-00065	Issuance Date: September 30, 1999
2 nd Minor Source Modification: 067-11508-00065	Issuance Date: December 8, 1999
3 rd Minor Source Modification: 067-14232-00065	Issuance Date: May 1, 2001
1 st Significant Source Modification: 067-12243-00065	Issuance Date: January 4, 2001
1 st Significant Permit Modification: 067-15918-00065	Issuance Date: October 17, 2002
Sixth Administrative Amendment: No. AA 067-16442-00065	Condition Affected: D.11.3
Original signed by Paul Dubenetzky Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: January 6, 2003

SECTION D.11

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] Dynamometer Test Cells

21. Two (2) dynamometer test cells for the testing of transmissions, identified as DYNA 8 and DYNA 9, each powered by a variety of reciprocating internal combustion engines, each engine being fueled by gasoline, each with a maximum heat capacity not to exceed 4.2 million British thermal units (MMBtu), and each exhausting through one (1) stack equipped with a catalytic converter for air pollution control.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.11.1 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]

- (a) Emissions of carbon monoxide (CO) shall not exceed 95.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month. This limit shall be enforced through a limitation on gasoline throughput per twelve (12) consecutive month period, a site specific CO emission factor, and operation of the catalytic converters. Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.2 not applicable.
- (b) Gasoline throughput shall not exceed 190,000 gallons per twelve (12) consecutive month period, with compliance determined at the end of each month. This limit is based on an applicant submitted CO emission factor of 5.3 pounds per gallon of gasoline before controls (from previous stack tests), and a control efficiency of 81.2%, which results in a CO emission factor after controls of 1.0 pounds per gallon of gasoline combusted.
- (c) The results of testing required in Condition D.11.4 shall be used to confirm the after controls emission factor of 1.0 pounds of CO per gallon of gasoline combusted. If testing indicates a different emission factor, gasoline usage shall be adjusted to limit CO emissions to 95.0 tons per twelve (12) consecutive month period, as follows:

$$\text{Gasoline throughput (gallons/year)} = \frac{95.0 \text{ tons of CO per year}}{\text{lbs of CO per gallon of gasoline} \times 1 \text{ ton}/2000 \text{ lbs}}$$

- (d) Any change or modification of the two (2) dynamometer test cells that would increase the potential to emit of CO to more than 100 tons per year, shall obtain approval from the Office of Air Quality (OAQ), as required by 326 IAC 2-1, before such change can occur.

D.11.2 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section C - Preventive Maintenance Plan, of this permit, is required for these facilities and any control devices.

Compliance Determination Requirements

D.11.3 Carbon Monoxide (CO)

In order to assure compliance with Condition D.11.1, the catalytic converter for each of the two (2) dynamometer test cells shall operate at all times that each test cell is in operation. When operating, the catalytic converters shall maintain operating temperatures in the range of 1,100 to 1,400 °F at all times except during startup.